

Appl. No. 10/812,943
Amdt. Dated September 24, 2007
Reply to Office Action of May 31, 2007

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Amendments to the Specification:

Please replace paragraph [0037] with the following amended paragraph:

[0037] In **Figure 1**, a roving of fiber (not shown) is arranged to be drawn from a bobbin **2**, through an orifice **9**, and passes through four sets of nozzles **6** housed in a heated chamber **4** which includes a controllable heating device **11**. The heating device **11** is situated on the roof of the heated chamber and is effective in preventing the polymer from cooling prematurely prior to its being extruded. The nozzles **6** are connected to a pressurized reservoir (not shown) of molten polymer. A cooling chamber **24**, served by ~~coolant gas intake~~ **25** whereby an inert gas is blown onto the coated fibers serves to solidify the molten polymer onto the fibers as it exits the heated chamber through the exit nozzle **17**. A set of fiber pick-up wheels **8** draws the roving from the bobbin and through the above-mentioned two chambers and through the exit nozzle **17**. A strand alignment device **10** aligns the strands of polymer-coated fiber as it is extruded from the exit nozzle and through the fiber pick up wheels and eventually to a set of cutting wheels **12** where the reinforced fiber composites are cut into short segments or pellets **14** (**Figure 2**). As shown in **Figure 5**, the cutting wheel **12** comprises a shaft **13** which holds the cutting wheel, and a cutting wheel blade **15**.